



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Richard A. Dixon, et al.

Application Serial No. 09/926,571

35 U.S.C. 371

Completion Date: November 28, 2001

International

Filing Date: May 15, 2000

International

Application No: PCT/US00/013389

Confirmation No: 8964

Group Art Unit 1632

For: ISOFLAVONOID METHYLATION ENZYME

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Assistant Commissioner for Patents  
Washington, D.C. 20231

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231 on: April 9, 2002 (Date of deposit)

Karen L. Knezek  
Registration No. 39,253  
Name of Applicant, Assignee, or Registered Representative

*Karen L. Knezek*  
Signature  
Date of Signature: April 9, 2002

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Applicants hereby submit this Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b)(3), or in the alternative, 37 C.F.R. §1.97(c) should the mailing date of the first office action precede the filing of this statement. If the first Office Action occurs before receipt of this document, pursuant to 37 C.F.R. §1.97(c) and §1.17(p), please withdraw the necessary fees from Deposit Account No. 18-1260.

In accordance with the requirements of 37 C.F.R. §§ 1.97 and 1.98, attached please find a Form PTO 1449 listing information for consideration by the Office in

connection with its examination of the above-captioned patent application. Copies of each document listed are enclosed herein.

Applicants submit that no representation is made, and no representation is intended, that more relevant material does not exist, or that the order of presentation of these materials in any way reflects their relative pertinence. The listing on the attached Form PTO-1449 is not intended to constitute an admission of any kind. Specifically, this presentation is not an admission that any of the items listed are properly citable against the above-identified application as prior art.

Respectfully submitted

By: Karen L. Knezek  
Karen L. Knezek  
Registration No.39, 253

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April 9, 2002  
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|  | 11137/04808             | 09/926,571 |
|  | APPLICANT               |            |
|  | RICHARD A. DIXON, ET AL |            |
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|  | May 15, 2000            | 1632       |

U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER |   |   |   |   |   |   | DATE    | NAME          | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
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|                      | AA | 4               | 7 | 0 | 4 | 4 | 0 | 0 | 11/3/87 | Miller, et al | 514   | 454      |                               |
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|                      | AK |                 |   |   |   |   |   |   |         |               |       |          |                               |

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|  |    |                 |    |   |   |   |   |   |          |         |       |          | YES         | NO |
|  | AL | WO              | 93 | 2 | 3 | 0 | 6 | 9 | 11/25/93 | PCT     | A61K  | 37/24    |             |    |
|  | AM | WO              | 00 | 3 | 7 | 6 | 5 | 6 | 6/29/00  | PCT     | C12N  | 15/54    |             |    |
|  | AN |                 |    |   |   |   |   |   |          |         |       |          |             |    |
|  | AO |                 |    |   |   |   |   |   |          |         |       |          |             |    |
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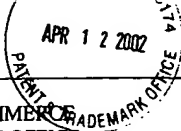
(Including Author, Title, Date, Pertinent Pages, Etc.).

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|--|----|--|--|
|  | AR |  | Adlercreutz, et al. 1991. "Urinary excretion of lignans and isoflavonoid phytoestrogens in Japanese men and women consuming a traditional Japanese diet," <i>Am J Clin Nutr</i> 54: 1093-1100                  |
|  | AS |  | Adlercreutz, H. and W. Mazur. 1997. "Phyto-estrogens and western diseases," <i>Ann Med</i> 29: 95-120  |
|  | AT |  | An, G. 1986. "Development of plant promoter expression vectors and their use for analysis of differential activity of nopaline synthase promoter in transformed tobacco cells," <i>Plant Physiol</i> 81: 86-91 |

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|                      | BB |                 |      |      |       |          |                               |
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|                      | BK |                 |      |      |       |          |                               |

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|  | BL |                 |      |         |       |          |             |    |
|  | BM |                 |      |         |       |          |             |    |
|  | BN |                 |      |         |       |          |             |    |
|  | BO |                 |      |         |       |          |             |    |
|  | BP |                 |      |         |       |          |             |    |

(Including Author, Title, Date, Pertinent Pages, Etc.).

|  |    |   |
|--|----|---|
|  | BR | Angell, S.M. and D.C. Baulcombe. 1997. "Consistent gene silencing in transgenic plants expressing a replicating potato virus X RNA," <i>EMBO J</i> 16: 3675-3684  |
|  | BS | Barnes, et al. 1990. "Soybeans inhibit mammary tumors in models of breast cancer." In M.W. Pariza, eds, <i>Mutagens and Carcinogens in the Diet</i> , Wiley-Liss, Inc, New York, pp 239-253                 |
|  | BT | Batard, et al. 1998. "Molecular cloning and functional expression in yeast of CYP76B1, a xenobiotic-inducible 7-ethoxycoumarin O-de-ethylase from <i>Helianthus tuberosus</i> ," <i>Plant J</i> 14: 111-120 |

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|                      | CC |                 |      |      |       |          |                               |
|                      | CD |                 |      |      |       |          |                               |
|                      | CE |                 |      |      |       |          |                               |
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|                      | CG |                 |      |      |       |          |                               |
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|                      | CJ |                 |      |      |       |          |                               |
|                      | CK |                 |      |      |       |          |                               |

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|  |    |                 |      |         |       |          | YES         | NO |
|  | CL |                 |      |         |       |          |             |    |
|  | CM |                 |      |         |       |          |             |    |
|  | CN |                 |      |         |       |          |             |    |
|  | CO |                 |      |         |       |          |             |    |
|  | CP |                 |      |         |       |          |             |    |

(Including Author, Title, Date, Pertinent Pages, Etc.).

|    |   |
|----|---|
| CR | Bhattacharyya, M.K. and E.W. Ward. 1987. "Biosynthesis and metabolism of glyceollin I in soybean hypocotyls following wounding or inoculation with <i>Phytophthora megasperma</i> f. sp. <i>Glycinea</i> ," <i>Physiol Mol Plant Pathol</i> |
|    | 31:387-405  |
| CS | Bourque, J. E. 1995. "Antisense strategies for genetic manipulations in plants," <i>Plant Sci</i> 105: 125-149  |
| CT | Bugos, et al. 1991. "cDNA cloning, sequence analysis and seasonal expression of lignin-bispecific caffeic acid/5-hydroxyferulic acid O-methyltransferase of aspen," <i>Plant Mol Biol</i> 17: 1203-1215                                     |

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|                      | DH |                 |      |      |       |          |                               |
|                      | DI |                 |      |      |       |          |                               |
|                      | DJ |                 |      |      |       |          |                               |
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|  | DL |                 |      |         |       |          |             |
|  | DM |                 |      |         |       |          |             |
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|  | DO |                 |      |         |       |          |             |
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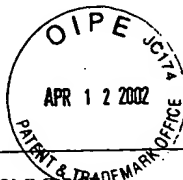
(Including Author, Title, Date, Pertinent Pages, Etc.).

|    |   |   |
|----|---|---|
| DR | - | Dalkin, et al. 1990. "Stress responses in alfalfa ( <i>Medicago sativa</i> L.) I. Elicitor-induction of phenylpropanoid biosynthesis and hydrolytic enzymes in cell suspension cultures," <i>Plant Physiol</i> 92: 440-446        |
| DS | - | Dewick, P.M. and M. Martin. 1979. "Biosynthesis of pterocarpan, isoflavan and coumestan metabolites of <i>Medicago sativa</i> : chalcone, isoflavone and isoflavanone precursors," <i>Phytochemistry</i> 18: 597-602              |
| DT | - | Dewick, P.M. and Martin, M. 1979. "Biosynthesis of pterocarpan and isoflavan phytoalexins in <i>Medicago sativa</i> : the biochemical interconversion of pterocarpan and 2'-hydroxyisoflavans," <i>Phytochemistry</i> 18: 591-596 |

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|                       | EI |                 |  |  |  |  |  |  |      |      |       |          |                               |
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|                       | EK |                 |  |  |  |  |  |  |      |      |       |          |                               |

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|                          | EM |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
|                          | EN |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
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(Including Author, Title, Date, Pertinent Pages, Etc.).

|  |    |   |
|--|----|---|
|  | ER | Dixon, et al. 1999. "Molecular controls for isoflavonoid biosynthesis in relation to plant and human health,"           |
|  |    | <i>Recent Advances in Phytochemistry</i> 33: 133-160  |
|  | ES | Dixon, R.A. 1999. "Isoflavonoids: biochemistry, molecular biology and biological functions." <i>In</i> U. Sankawa, eds, |
|  |    | <i>Comprehensive Natural Products Chemistry</i> , Elsevier, pp 773-823  |
|  | ET | Dixon, et al. 1998. "Prospects for the metabolic engineering of bioactive flavonoids and related phenylpropanoid        |
|  |    | compounds," <i>Adv Exp Med and Biolog</i> 439:55-66   |

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|   | FP |   |      |                 |       |          |                               |
| (Including Author, Title, Date, Pertinent Pages, Etc.).   |    |   |      |                 |       |          |                               |
|   | FR | Dixon, R.A. and N.L. Paiva. 1995. "Stress-induced phenylpropanoid metabolism," <i>Plant Cell</i> 7: 1085-1097   |      |                 |       |          |                               |
|   | FS | Dixon, R.A., and M.J. Harrison. 1990. "Activation, structure and organization of genes involved in microbial defense in plants," <i>Adv Gener</i> 28: 165-234 |      |                 |       |          |                               |
|   | FT | Edwards, et al. 1991. "A simple and rapid method for the preparation of plant genomic DNA for PCR analysis," <i>Nucleic Acids Res</i> 19: 1349                |      |                 |       |          |                               |
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|   | GP |                          |  |            |  |  |  |      |         |       |          |  |
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|   | GR |                          |  |            |  |  |  |      |         |       |          | Frick, S., Kutchan, T.M. 1999. "Molecular cloning and functional expression of O-methyltransferases common to isoquinoline alkaloid and phenylpropanoid biosynthesis," <i>Plant J</i> 17: 329-339            |
|   | GS |                          |  |            |  |  |  |      |         |       |          | Gauthier, et al. 1996. "cDNA cloning and characterization of a 3'/5'-O-methyltransferase for partially methylated flavonols from <i>Chrysosplenium americanum</i> ," <i>Plant Mol Biol</i> 32: 1163-1169     |
|   | GT |                          |  |            |  |  |  |      |         |       |          | Gauthier, et al. 1998. "Characterization of two cDNA clones which encode O-methyltransferases for the methylation of both flavonoid and phenylpropanoid compounds," <i>Arch Biochem Biophys</i> 351: 243-249 |
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RICHARD A. DIXON, ET AL.

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|  | HP |                 |      |         |       |          |             |

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|  |    |   |
|--|----|---|
|  | HR | Hadwiger, L.A. and D.M. Webster. 1984. "Phytoalexin production in five cultivars of pea differentially resistant to three races of <i>Pseudomonas syringae</i> pv. <i>Pisi</i> ," <i>Phytopathology</i> 74: 1312-1314 |
|  | HS | Hakamatsuka, et al. 1991. "P-450-dependent oxidative rearrangement in isoflavone biosynthesis: reconstitution of P-450 and NADPH:P450 reductase", <i>Tetrahedron</i> 47: 5969-5978                                    |
|  | HT | Hakamatsuka, et al. 1998. "Purification of 2-hydroxyisoflavanone dehydratase from the cell cultures of <i>Pueraria lobata</i> ," <i>Phytochemistry</i> 49: 497-505  |

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|   | IR | ~                        | He, et al. 1998. "Stress responses in alfalfa ( <i>Medicago sativa</i> L.) XXII. cDNA cloning and characterization of an     |  |  |            |  |      |         |       |          |                               |
|   |    |                          | elicitor-inducible isoflavone 7-O-methyltransferase," <i>Plant Mol Biol</i> 36: 43-54  |  |  |            |  |      |         |       |          |                               |
|   | IS | •                        | He, X-Z and R.A. Dixon. 1996. "Affinity chromatography, substrate/product specificity and amino acid sequence                |  |  |            |  |      |         |       |          |                               |
|   |    |                          | analysis of an isoflavone O-methyltransferase from alfalfa ( <i>Medicago sativa</i> L.);" <i>Arch Biochem Biophys</i>        |  |  |            |  |      |         |       |          |                               |
|   |    |                          | 336: 121-129   |  |  |            |  |      |         |       |          |                               |
|   | IT | ✓                        | Higgins, V.J. 1972. "Role of the phytoalexin medicarpin in three leaf spot diseases of alfalfa," <i>Physiol Plant Pathol</i> |  |  |            |  |      |         |       |          |                               |
|   |    |                          | 2: 289-300   |  |  |            |  |      |         |       |          |                               |
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|   | JO |                          |   |                 |       |          |                               |
|   | JP |                          |   |                 |       |          |                               |
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|   | JR | -                        | Horsch, B. et al. 1985. "A simple and general method for transferring genes into plants," <i>Science</i> 227: 1229-1231   |                 |       |          |                               |
|   | JS | ~                        | Ibrahim, et al. 1987. "Enzymology and compartmentation of polymethylated flavonol glucosides in <i>Chrysosplenium americanum</i> ," <i>Phytochemistry</i> 26: 1237-1245 |                 |       |          |                               |
|   | JT | \                        | Ibrahim, et al. 1998. "Plant O-methyltransferases: molecular analysis, common signature and classification," <i>Plant Mol Biol</i> 36: 1-10                             |                 |       |          |                               |
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|   | KO |  |      |                 |       |          |                               |
|   | KP |  |      |                 |       |          |                               |
| (Including Author, Title, Date, Pertinent Pages, Etc.).   |    |  |      |                 |       |          |                               |
|   | KR | Ingham, et al. 1983. "Fungitoxic isoflavones from <i>Lupinus albus</i> and other <i>Lupinus</i> species," <i>Zeitschrift für Naturforschung</i> , C 38: 194-200              |      |                 |       |          |                               |
|   | KS | Joshi, C.P. and V.L. Chiang. 1998. "Conserved sequence motifs in plant S-adenosyl-L-methionine-dependent methyltransferases," <i>Plant Mol Biol</i> 37: 663-674              |      |                 |       |          |                               |
|   | KT | Jung, et al. 2000. "Identification and expression of isoflavone synthase: the key enzyme for biosynthesis of isoflavones in legumes," <i>Nature Biotechnology</i> 18:208-212 |      |                 |       |          |                               |
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| LR  | - | Kessmann, et al. 1990. "Stress responses in alfalfa ( <i>Medicago sativa</i> L.) III. Induction of medicarpin and cytochrome P450 enzyme activities in elicitor-treated cell suspension cultures and protoplasts," <i>Plant Cell Rep</i> 9: 38-41 |  |
| LS  | • | Kistler, H.C. and H.D. VanEtten. 1984. "Regulation of pisatin demethylation in <i>Nectria haematococca</i> and its influence on pisatin tolerance and virulence," <i>J Gen Micro</i> 130: 2605-2613   |  |
| LT  | • | Klein, et al. 1988. "Stable genetic transformation of intact <i>Nicotiana</i> cells by the particle bombardment process," <i>Proc Natl Acad Sci USA</i> 85: 8502-8505   |  |

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|   | MR | Kochs, G. and H. Grisebach. 1986. "Enzymic synthesis of isoflavones," <i>Eur J Biochem</i> 155: 311-318                            |      |                 |       |  |                            |
|   |    |  |      |                 |       |  |                            |
|   | MS | Lamb, et al. 1992. "Emerging strategies for enhancing crop resistance to microbial pathogens," <i>Bio/technology</i> 10: 1436-1445 |      |                 |       |  |                            |
|   |    |  |      |                 |       |  |                            |
|   | MT | Lee, et al. 1991. "Dietary effects on breast-cancer risk in Singapore," <i>Lancet</i> 337: 1197-1200                               |      |                 |       |  |                            |
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|                       | NC |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | ND |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | NE |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | NF |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | NG |                 |  |  |  |  |  |  |      |      |       |          |                               |
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|                       | NK |                 |  |  |  |  |  |  |      |      |       |          |                               |

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|                          | NL |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|                          | NM |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|                          | NN |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|                          | NO |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|                          | NP |                 |  |  |  |  |  |  |      |         |       |          |             |    |

(Including Author, Title, Date, Pertinent Pages, Etc.).

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|--|----|---|
|  | NR | Li, et al. 2000. "5-Hydroxyconiferyl aldehyde modulates enzymatic methylation for syringyl monolignol formation, a new view of monolignol biosynthesis in angiosperms," <i>J Biol Chem</i> 275: 6537-6545             |
|  | NS | Long, et. al. 1985. "Further studies on the relationship between glyceollin accumulation and the resistance of soybean leaves to <i>Pseudomonas syringae</i> pv. <i>Glycinea</i> ," <i>Phytopathology</i> 75: 235-239 |
|  | NT | Matzke, M.A. and A.J. M. Matzke. 1995. "How and why do plants inactivate homologous (trans)genes?" <i>Plant Physiol</i> 107: 679-685  |

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## INFORMATION DISCLOSURE LIST

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11137/04808

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09/926,571

APPLICANT

RICHARD A. DIXON, ET AL.

FILING DATE

May 15, 2000

GROUP

1632

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
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|                      | OA |                 |      |      |       |          |                               |
|                      | OB |                 |      |      |       |          |                               |
|                      | OC |                 |      |      |       |          |                               |
|                      | OD |                 |      |      |       |          |                               |
|                      | OE |                 |      |      |       |          |                               |
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|                      | OG |                 |      |      |       |          |                               |
|                      | OH |                 |      |      |       |          |                               |
|                      | OI |                 |      |      |       |          |                               |
|                      | OJ |                 |      |      |       |          |                               |
|                      | OK |                 |      |      |       |          |                               |

## FOREIGN PATENT DOCUMENTS

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|  |    |                 |      |         |       |          | YES NO      |
|  | OL |                 |      |         |       |          |             |
|  | OM |                 |      |         |       |          |             |
|  | ON |                 |      |         |       |          |             |
|  | OO |                 |      |         |       |          |             |
|  | OP |                 |      |         |       |          |             |

(Including Author, Title, Date, Pertinent Pages, Etc.).

|  |    |  |
|--|----|--|
|  | OR | Moesta, P. and H. Grisebach. 1982. "L-2-Aminooxy-3-phenylpropionic acid inhibits phytoalexin accumulation in soybean with concomitant loss of resistance against <i>Phytophthora megasperma</i> f. sp. <i>Glycinea</i> ," <i>Physiol Plant</i> |
|  |    | <i>Pathol</i> 21: 65-70  |
|  | OS | Murashige, T. and Skoog, F. 1962. "A revised media for rapid growth and bioassay with tobacco tissue culture,"   |
|  |    | <i>Physiol Plant</i> 15:473-497  |
|  | OT | Paiva, et al. 1994. "Regulation of isoflavonoid metabolism in alfalfa," <i>Plant Cell, Tissue and Organ Cult</i>   |
|  |    | 38: 213-220  |

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|   |    |                 |   |  |  |  |  |  |      | RICHARD A. DIXON, ET AL. |       |            |                               |
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|   | PA |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PB |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PC |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PD |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PE |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PF |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PG |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PH |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PI |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PJ |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PK |                 |   |  |  |  |  |  |      |                          |       |            |                               |
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|   | PL |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PM |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PN |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PO |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PP |                 |   |  |  |  |  |  |      |                          |       |            |                               |
| (Including Author, Title, Date, Pertinent Pages, Etc.).   |    |                 |   |  |  |  |  |  |      |                          |       |            |                               |
|   | PR |                 | Rahe, J.E. 1973. "Occurrence and levels of the phytoalexin phaseollin in relation to delimitation at sites of infection of <i>Phaseolus vulgaris</i> by <i>Colletotrichum lindemuthianum</i> ," <i>Can J Botany</i> 51: 2423-2430 |  |  |  |  |  |      |                          |       |            |                               |
|   | PS |                 | Restrepo, et al. 1990. "Nuclear transport of plant polyviral proteins," <i>Plant Cell</i> 2: 987-998  |  |  |  |  |  |      |                          |       |            |                               |
|   | PT |                 | Sambrook, et al. 1989. <i>Molecular Cloning. A Laboratory Manual</i> (2nd Ed), Cold Spring Harbor Laboratory Press, New York; pp. 1.53-1.110  |  |  |  |  |  |      |                          |       |            |                               |
| EXAMINER  |    |                 |   |  |  |  |  |  |      |                          |       |            |                               |
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|                       | QA |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QB |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QC |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QD |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QE |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QF |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QG |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QH |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QI |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QJ |                 |  |  |  |  |  |  |      |      |       |          |                               |
|                       | QK |                 |  |  |  |  |  |  |      |      |       |          |                               |

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|                          | QL |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
|                          | QM |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
|                          | QN |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
|                          | QO |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |
|                          | QP |                 |  |  |  |  |  |  |      |         |       |          |             |     |    |

| (Including Author, Title, Date, Pertinent Pages, Etc.). |    |   |   |
|---|----|---|---|
|   | QR | - | Shorosh, et al. 1994. "Molecular cloning, characterization and elicitation of acetyl-CoA carboxylase in alfalfa,"   |
|   |    |   | <i>Proc Natl Acad Sci USA</i> 91:4323-4327  |
|   | QS | - | Shutt, D.A. 1976. "The effects of plant oestrogens on animal reproduction," <i>Endeavour</i> 75: 110-113  |
|   |    |   |   |
|   | QT | . | Steele et al. 1999. "Molecular characterization of the enzyme catalyzing the aryl migration reaction of isoflavonoid biosynthesis in soybean," <i>Arch Biochem Biophys</i> 367: 146-150 |

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|  |    |                 |  |  |  |  |  |  |      |         |       |          | YES         | NO |
|  | RL |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|  | RM |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|  | RN |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|  | RO |                 |  |  |  |  |  |  |      |         |       |          |             |    |
|  | RP |                 |  |  |  |  |  |  |      |         |       |          |             |    |

|  |    |   |   |
|--|----|---|---|
|  | RR | - | Sumner, et al. 1996. "High-performance liquid chromatography/continuous-flow liquid secondary ion mass spectrometry of flavonoid glucosides in leguminous plant extracts," <i>J Mass Spectrom</i> 31: 472-485 |
|  |    |   |   |
|  | RS | ✓ | Thomas, et al. 1990. "Selection of interspecific somatic hybrids of <i>Medicago</i> by using <i>Agrobacterium</i> - transformed tissue," <i>Plant Sci</i> 69: 189-198   |
|  |    |   |   |
|  | RT | ✓ | VanEtten, et al. 1994. "Two classes of plant antibiotics: phytoalexins versus phytoanticipins," <i>The Plant Cell</i> 6:1191-1192   |
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|                       | SA |                 |      |      |       |          |                            |  |  |  |  |
|                       | SB |                 |      |      |       |          |                            |  |  |  |  |
|                       | SC |                 |      |      |       |          |                            |  |  |  |  |
|                       | SD |                 |      |      |       |          |                            |  |  |  |  |
|                       | SE |                 |      |      |       |          |                            |  |  |  |  |
|                       | SF |                 |      |      |       |          |                            |  |  |  |  |
|                       | SG |                 |      |      |       |          |                            |  |  |  |  |
|                       | SH |                 |      |      |       |          |                            |  |  |  |  |
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|                       | SK |                 |      |      |       |          |                            |  |  |  |  |

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|  |    |   |   |
|--|----|---|---|
|  | SR | ✓ | Wong, E. and C.M. Francis. 1968. "Flavonoids in genotypes of <i>Trifolium subterraneum</i> -II. Mutants of the Geraldton variety," <i>Phytochemistry</i> 7: 2131-2137                       |
|  | SS | ✓ | Yanagihara, et al. 1993. "Antiproliferative effects of isoflavones on human cancer cell lines established from the gastrointestinal tract," <i>Cancer Res</i> 53: 5815-5821                 |
|  | ST |   | Zhou-Jin-Rong, et al. 1998. "Inhibition of murine bladder tumorigenesis by soy isoflavones via alterations in the cell cycle, apoptosis, and angiogenesis," <i>Cancer Res</i> 58: 5231-5238 |

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